

# Converting Colors

Hex(9BE1B0)

Have a look what the booklet for  
Hex(9BE1B0) contains.

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# **Color**

**Hex(9BE1B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BE1B0
RGB	155, 225, 176
RGB Percent	61%, 88%, 69%
CMY	0.3922, 0.1176, 0.3098
CMYK	0.31, 0.00, 0.22, 0.12
HSL	138°, 54%, 75%
HSV	138°, 31%, 88%
XYZ	48.2793, 63.9536, 50.8740
YIQ	198.4840, -25.9910, -30.0790

# Conversions

## Conversions Part 2

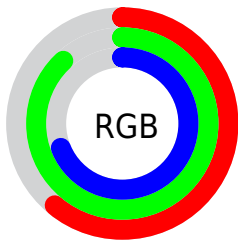
Format	Color
<a href="#">RYB</a>	<a href="#">155, 209, 225</a>
Decimal	<a href="#">10215856</a>
CIELab	<a href="#">83.94, -31.84, 17.12</a>
CIELCh	<a href="#">84, 36.150, 151.735</a>
Yxy	<a href="#">63.9536, 0.2960, 0.3921</a>
Android (android.graphics.Color)	<a href="#">4288405936 (0xFF9BE1B0)</a>
YUV	<a href="#">198.4840, -11.0846, -38.1355</a>
Hunter-Lab	<a href="#">79.9710, -32.1870, 18.2620</a>

# Details

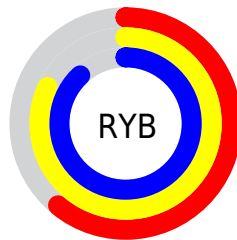
The Hex color **9BE1B0** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E19BCC**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **D3FFE8**, and **65A97B** is the 20% darker color. If you saturate the color by 10%, you get **84E1A0**, and if you desaturate by 10%, it is **B2E1C0**.

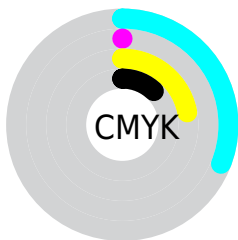
# Distribution



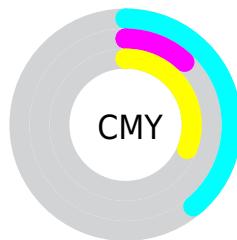
- Red (61%)
- Green (88%)
- Blue (69%)



- Red (61%)
- Yellow (82%)
- Blue (88%)



- Cyan (31%)
- Magenta (0%)
- Yellow (22%)
- Black (12%)



- Cyan (39%)
- Magenta (12%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BE1B0 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 9BE1B0 by changing the saturation by 10% instead.



 9BE1B0

 9BE1B0

FFFFFF


 80C595

 D3FFE8

 65A97B

 F0FFFF

 4B8F62

 31754A

 145C33

 00441E

 002D07

 001600

 000000

 9BE1B0

 9BE1B0

 84E1A0

 B2E1C0

 6EE191

 C8E1D0

 57E181

 DEE1DF

 41E171

 F5E1EF

 2BE161

 FFE1FF

 14E152

 00E144

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C3DA97



9BE1B0



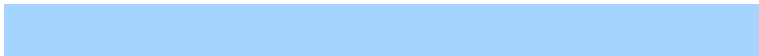
75E4D2

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



9BE1B0



A7D4FF



FFBBAF

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



9BE1B0



E19BCC

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB8D1



9BE1B0



D9C8FF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9BE1B0



77DDFF



FEBDF2



FFC496

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



9BE1B0



64E4E9



FEBDF2



FFB9BA

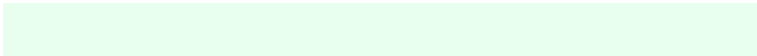


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



9BE1B0



E8FFEF



CCE19B



718076



000000



808080

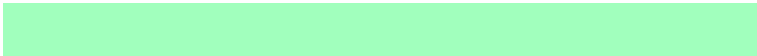


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



9BE1B0



A1FFBD



9BE1D3



657068



00B035



00300F



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E19BCC



FFA1E3



E19BA9



70656D



B0007B



300022



# Previews

## White Background



This preview shows how the Hex color 9BE1B0 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 9BE1B0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

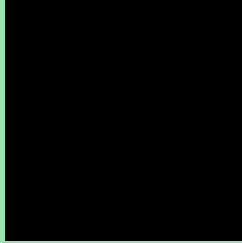
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9BE1B0 Background



This preview shows how black text looks on a background with the Hex color 9BE1B0.

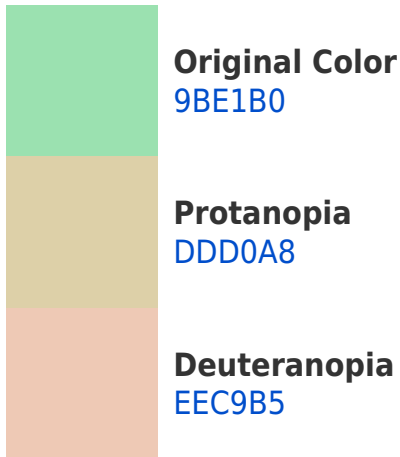


This preview shows how white text looks on a background with the Hex color 9BE1B0.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
A7D9EA

# Trichromacy



**Original Color**  
9BE1B0



**Protanomaly**  
C5D6AB



**Deuteranomaly**  
D0D2B3



**Tritanomaly**  
A3DCD5

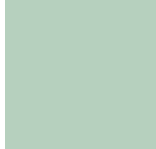
# Monochromacy



**Original Color**  
9BE1B0



**Achromatopsia**  
C6C6C6



**Achromatomaly**  
B6D0BE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BE1B0 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #9BE1B0 looks like.

```
.text, #text, p{  
    color:#9BE1B0  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #9BE1B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BE1B0
}
```

## Border

The CSS property to change the border of an element to Hex 9BE1B0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9BE1B0 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#9BE1B0 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #9BE1B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BE1B0; -webkit-box-shadow:4px 4px  
4px 4px #9BE1B0; box-shadow:4px 4px 4px  
4px #9BE1B0 }
```

# Background

The CSS property to change the background color of an element to Hex 9BE1B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BE1B0 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#9BE1B0 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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